

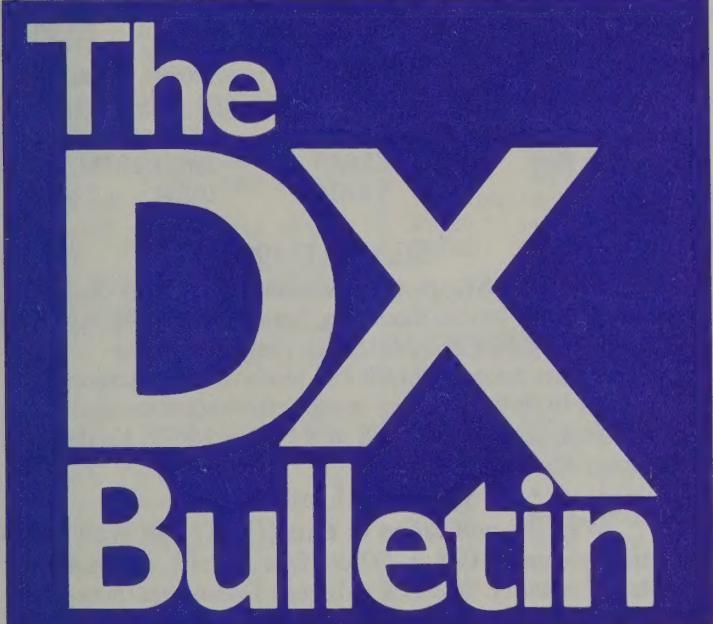
DXpedition News

Chatham Island - ZL7 Ron Wright ZL1AMO is active as **ZM7AMO** (OC-38) until Sept. 23. Reports show him on 28025 around 0000Z, 21026 and 18074 at 03-0400Z, 24902 at 0430Z, and 14028 at 13-1400Z. Ron listens below his transmit frequency on CW, as well as 'up.' Sunrise 1800Z, sunset 0545Z. QSL direct to ZL1AMO.

Ascension Island - ZD8 Steve Sutterer AK0M returns to Ascension (AF-03) as **ZD8S** now through Sept. 30. Mostly CW local evenings. Also he'll try the low bands 0530-0600Z. QSL home call. Sunrise 0700Z, sunset 1852Z.

Pacific Steve VE3SMA and John VE3RMM will hop around the western Pacific in October. Oct. 9-16 in **Belau KC6** (ex-Western Carolines), Oct. 16-21 and 24-31 in **Micronesia V6** (ex-Eastern Carolines), and Oct. 31-Nov. 4 from the **Marshall Islands V7**. CQWW SSB multi-single effort from V6. QSL VE3JDO.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Reserve Your Island - CQWW

- **ZF1RY**: Eddie Schneider W6/G0AZT will be active in the CQWW RTTY test Sept. 29-30. He'll be there Sept. 26-31, with some SSB outside the test. QSL direct only, with return postage, to Box 5194, Richmond CA 94805.
- **ZF2JI** in the CQWW SSB test will be John Attaway K4IIF, long-time CQ DX editor. QSL to KG6AR.
- **ZF2JR** in CQWW SSB is Jim Rafferty N6RJ, operating 40-meter single band. QSL to Jim's home call.
- **P40R** on Aruba for CQWW SSB will be single-oped by Bob K4UEE. Some CW and new-band activity before the test, Oct. 25-26. QSL home call.
- **P40A** also on Aruba for the CQWW SSB is Bill Ovca N1GL, also single-op, all-band. QSL to KA1XN.
- **J37DX** in the CQWW SSB test from Grenada by the SouthWest Ohio DX Association is looking for a couple more operators. Contact Harry W8KKF for details.

September 21, 1990

Issue 556

Shortly Noted

- **ZC4HMS** from the Sovereign Bases during October commemorates 25 years of the RNARS, with Glyn G4MVA operating. QSL via the bureau, or to G4SSH.
- **9L-/G0GWA** Simon has operated from all four Sierra Leone call areas (9L1-9L4). Pay attention to his portable designator. QSL home call.
- **DL7FT** says he'll be active from the 'South Indian Ocean' Sept. 28-Oct. 8. QSL direct only to home call.
- **7Q7KG** by the Colvins appeared as expected from Malawi. Try 14020 kHz at 0345Z and 1730Z, 28010 at 1330-1500Z, and 28440 kHz at 1500Z, as well as Iris in DX nets. QSL Yasme, P.O.Box 2025, Castro Valley CA 94546, of course.
- **ZL150A** will be active Oct. 6-13, including the Oceania contest. QSL SSB QSOs to ZL1AAS, and CW ones to ZL1AMO. (Thanks W1AW.)
- **9Q5TE** skeds 7P8EG and V51E weekdays on 7066 or 7056 kHz at 0430Z, and then listens for US calls on 7178 kHz. After 40, Gus moves to 14190 kHz. CW on request.
- **VS6WU** is often on 24892 kHz at 1400Z Sundays.
- **7J1ADJ/JD1** is on Minami Torishima to Sept. 21, in SSB nets, with some CW and RTTY. QSL to KB1BE.
- **HB0/PA3EZK** and /PA3FQA will be active Sept. 27-30, mostly 10-meter CW and SSB. QSL home calls.
- **FR0P** is a special call active Oct. 28-Nov. 10. CW, SSB, and RTTY, 10-160 meters, including the new bands.
- **J28RQ** is FD1ORQ. Try 14118, 21218, and 28480 kHz, with CW on request. (Thanks LNDX.)
- Pirates recently active include **XU1CW**, **1Z90CW**, **3C0A**, **P5DX**, and **XU1DX**. (XU8DX is legit; QSL JA1NUT.)
- SSB net check-ins: **14227 kHz**: YJ8RN N6BUV/KH0 C21JM VS6VO 3B8AD 4S7EF 3D2EA; **14256**: VP8BXK (South Orkneys) 5R8JD J5CVF VP8CED (Falklands); **21335**: TZ6AS 3B9FR.
- RTTY report: **8P8HR** is very active on 21083 kHz at 1300Z. QSL K4BAI. Other reports: **UJ8JCQ** 21087 kHz at 0645Z; **VQ9RB** 28088 1330Z; **YI1BGD!** 21073 ARQ 1700Z; **HV3SJ** 28089 1715Z; **5Z4BI** 21081 2045Z; **5N0ETP** 14084 2130Z; **FR4FR** 21074 ARQ 1715Z; **VU2SJV** 21089 1732Z; **ZB8BOB** 21074 ARQ 2050Z; **TU2QQ** 14074 ARQ 2215Z; **CE0ZIG** 21074 ARQ 2310Z; **3B9FR** 14084 1950Z; **FK8BG** 14069 ARQ 0930Z; and **J28TY** 21072 ARQ 1745Z.
- **Islands On The Air**: Some Belize hams will operate from Turneffe Islands (NA-123) Nov. 21-25 as **V31TI**. Operators for this first-ever activation of Turneffe are Scotty V31SW, Gary V31KX, and Kristin V31YL. They'll concentrate on the IOTA frequencies of 14260, 21260, and 28460 kHz. QSL direct only (the bureau in Belize doesn't work) to Scott Williams, P.O.Box 1522, Belize City, Belize, with 3 IRCs or US\$1. (Scotty is new to IOTA, and is very excited about the possibility of putting a New One on the air.) Some recent spots: **UA0IBB/A** (AS-59) 14003 0048Z; **ES0WN** (EU-34) 14017 0430Z; **UA0QX/A** (AS-70) 14006 0515Z; **AL7HS/KL7** (NA-28) 14260 0515Z; **F6HMJ** (EU-48) 14191 1030Z; **EK0AC** (AS-44) 14010 1045Z; and **JI1GRU** (AS-43) 21170 0700Z. **G0KJW/M** expects to operate from the Isles of Scilly (EU-11) Sept. 20-23, mainly 15- and 20-meter SSB.

Propagation

Forecast and Historical Data

| Day | Forecast | 27 Days Before | 55 Days Before | | | | | | |
|----------------|--------------|----------------|----------------|-------|---|-------|------|-------|---|
| | | Date | Flux | A | K | Date | Flux | A | K |
| September 1990 | | | | | | | | | |
| 21 | High Normal | 08/25 | 294 | 06/13 | 2 | 07/28 | 183 | 56/76 | 6 |
| 22 | Disturbed | 08/26 | 315 | 40/44 | 4 | 07/29 | 173 | 50/61 | 3 |
| 23 | High Normal | 08/27 | 257 | 17/14 | 3 | 07/30 | 181 | 12/12 | 2 |
| 24 | Above Normal | 08/28 | 240 | 06/07 | 1 | 07/31 | 176 | 06/09 | 1 |
| 25 | High Normal | 08/29 | 216 | 09/14 | 3 | 08/01 | 194 | 18/22 | 4 |
| 26 | Low Normal | 08/30 | 206 | 29/28 | 3 | 08/02 | 199 | 10/12 | 1 |
| 27 | High Normal | 08/31 | 182 | 24/19 | 2 | 08/03 | 186 | 09/14 | 2 |
| 28 | Low Normal | 09/01 | 167 | 26/23 | 3 | 08/04 | 183 | 08/10 | 2 |
| 29 | High Normal | 09/02 | 165 | 00/08 | 0 | 08/05 | 174 | 06/08 | 2 |
| 30 | High Normal | 09/03 | 157 | 03/10 | 1 | 08/06 | 166 | 09/09 | 3 |
| October 1990 | | | | | | | | | |
| 1 | High Normal | 09/04 | 160 | 08/11 | 2 | 08/07 | 166 | 07/09 | 2 |

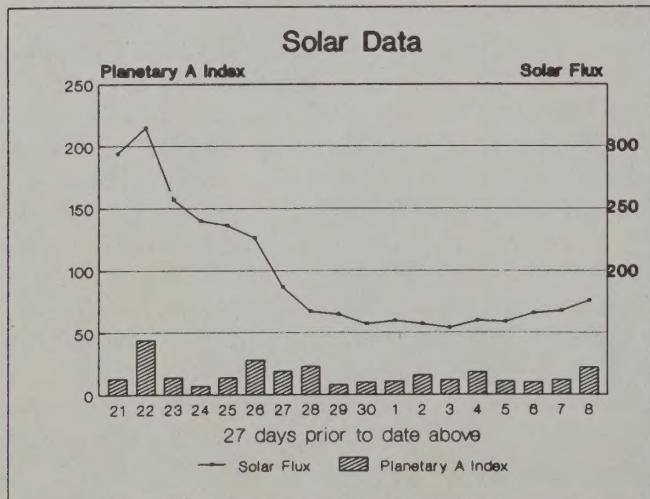
Propagation Watch

The sunspot number for August was 199.9, the highest yet for Cycle 22, surpassing the figure for June, 1989, when the solar flux also topped 300. While this will pull the 13-month smoothed sunspot number up for a while, DXers should not interpret this to mean we haven't reached the peak of Cycle 22. The high reading for August is just a hint of the good things coming over the next year or two, as Sunspot Cycle 22 begins its slow decline.

Although the solar flux didn't soar back above 300 this month, propagation remained quite good. The relatively high flux figures, along with seasonal effects, have spelled good conditions on all but polar paths. The higher bands have been, and should continue to be, very good daytime bands. 10 and 12 meters open soon after local sunrise, and can be open worldwide at times. 15 and 17 meters remain open after local sunset, and can show a weak, but workable opening to the east and northeast after dark. The long path to the west and southwest around local dawn on 20, 30, and even 40 meters continues to be filled with strong long-haul DX.

An active geomagnetic field has hurt the polar and high-latitude paths, weakening signal strengths and lowering maximum useable frequencies (MUFs), but some of the stronger signals still get through, especially a hour or so after local sunset on 20 meters.

Solar activity should decline to a 27.5-day minimum in early October, but seasonal improvement means the bands should remain very good. Look for better low-band openings as the days shorten in the northern hemisphere. Try 80 meters after a couple of days of low geomagnetic activity.



| Regulars | | | |
|------------------------|-----------|---------|--------------|
| ■ Algeria | 7X2FK | 14200 ± | 0520Z |
| ■ Algeria | 7X2CR | 21025 | 1800Z |
| ■ Ascension Island | ZD8LII | 15M CW | 2030Z |
| ■ China | BY4RB | 21023 | 0130Z |
| ■ Djibouti | J28NU/P | 28010 | 1930Z |
| ■ Estonia | ES1QD | 24903 | 1600Z |
| ■ Gabon | TR8BY | 28020 | 11-1630Z |
| ■ Ivory Coast | TU2QW | 28460 | 1200Z |
| ■ Johnston Island | AH3C | 14026 | 03, 1400Z |
| ■ Kenya | 5Z4BI | 28490 | 1930Z |
| ■ Kerguelen | FT5XA | 10M SSB | 1400Z |
| ■ Malawi | 7Q7RM | 14015 | 1300Z |
| ■ Mali | TZ6VV | 28430 | 2130Z |
| ■ Mauritius | 3B8CF | 24895 | 14-1700Z |
| ■ Mayotte | FH5EJ | 10M CW | 1900Z |
| ■ Oman | A41JV | 15M CW | 2100Z |
| ■ Reunion Island | FR5DX | 14185 ± | 03, 12Z |
| ■ Reunion Island | FR5DX | 28500 ± | 1430-20Z |
| ■ Rodriguez Island | 3B9FR | 15M CW | 17-1900Z |
| ■ Sierra Leone | 9L2/GØGWA | 10101 | 22-0100Z |
| ■ Sri Lanka | 4S7CF | 14004 | 0045, 14Z |
| ■ Sri Lanka | 4S7WP | 18070 | 1145, 19Z |
| ■ Sri Lanka | 4S7EA | 14009 | 0015Z |
| ■ Sudan | WZ6C/ST4 | 21007 ± | 0100Z |
| ■ United Arab Emirates | A61AD | 14200 ± | 1345Z |
| ■ Walvis Bay | ZS9A | 28610 | 1500Z Sunday |
| ■ Zone 26 | VK6HD | 10104 | 2245Z |

SEANET 1990

The 1990 SEANET convention will be held Nov. 10-12 at the Holiday Inn in Kuchning, Sarawak, East Malaysia. The Sarawak branch of the Malaysian Amateur Radio Transmitters' Society (MARTS) hosts this convention, the first even in 9M8-land. For more information on the convention, contact MARTS at P.O.Box 10777, Kuala Lumpur, Malaysia.

German Unification

With the unification of East (GDR) and West (FRG) Germany coming Oct. 3, DXers face at least one more [deleted] country. The DX Advisory Committee may treat this event as the annexation of GDR by FRG, which would delete GDR, or as a 'unification,' which would delete both FRG and GDR, and form a New One. Or they may even resurrect the 'old' Germany from before 1973. In any case, work GDR now; at a minimum, GDR will disappear from the DXCC countries list, effective Oct. 3, 1990.

Contributors

This Issue of *The DX Bulletin* would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, 9M8FH, AA4MM, AA6WJ, DA2AA, DXPress, GØAZT, K2AJY, K2PEQ, K3ZPG, K4GLU, K4II, K4IQJ, K4LNA, K4UEE, K6IR, K7ABV, K7UOT, K8CV, KA1XN, KA6V, KD7SO, KF6HI, KG6AR, KJ4BK, KJ6RQ, KK6H, KM9J, KQ3S, KR1S, KT7H, LNDX, Longpath, N1GL, N1HN, N2GBH, N2GLH, N5AHS, N6IBP, N6JM, N6RJ, N8FU, NZ9R, V31SW, VE1RJ, VE3RMM, VE7COP, W0JRN, W1AW, W1BFT, W1BWS, W1CNU, W1NFT, W4VQ, W6JOX, W6UQF, W7AYY, W7AYY, W8KKF, W9DH, WAØRJY, WA1NPZ, WA2MZK, WB5KYK, WB5MTV, WB8SFF, WB8ZRL, WC6I, WDØCHW, WD9GGY, WO6R, WY2V, and NCDXC. Thanks!

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

| | | | | | | | | | | | | | |
|-------------|--------------|--------|---------|-------|--------------|--------|---------|-------|--------------|--------------|---------|---------|----|
| RTTY | HSØE | 14022 | 1133 8 | IN | ST2/ | 18079 | 1929 5 | SC | HZ1HZ | 24902 | 2044 9 | AL | |
| 4KØADS | HZ1HZ | 14007 | 0312 8 | CA | PAØGAM | 18080 | 0436 11 | CA | J28HE | 24899 | 1905 9 | SC | |
| 5B4MF | JD1/ | 14013 | 1036 11 | IN | TA2AO | 18081 | 2231 3 | AL | OY1R | 24904 | 1509 2 | MD | |
| 8P9HR | J2KLU | 14009 | 0035 13 | GA | TF3CW | 18082 | 0029 29 | MO | RD7ØDC | 24898 | 1445 8 | NH | |
| EA8ATE | JT1CD | 14026 | 0013 5 | NH | UV2JCO | 18076 | 0425 1 | SC | VS6WU | 24910 | 1214 9 | CT | |
| EA9MY | JT1CS | 14036 | 1410 9 | CA | YN1CC | 18072 | 1300 27 | NH | YN/ | 24905 | 2140 4 | SC | |
| HI8AG | KG4DD | 14031 | 0419 24 | NH | YO8FR | 18078 | 1432 10 | MA | SMØOIG | 24894 | 1451 5 | SC | |
| HV3SJ | OX3FV | 14040 | 1931 7 | CA | ZK1XK | 18076 | 0233 9 | AL | YO3CD | 24894 | 1451 5 | SC | |
| ISØIGV | OY3Q | 14026 | 1400 8 | CA | ZM7AMO | 18074 | 0403 11 | CA | ZM7AMO | 24902 | 2343 13 | MA | |
| LZ2WO | P29PL * | 14003 | 1220 4 | NB | 10 Meter CW | | | | | | | | |
| RB5IO | PZ1DX | 14025 | 1002 6 | NH | 5HØQL | 28010 | 1332 6 | NY | 5HØQL | 28010 | 1332 6 | NY | |
| UB5IDU | RH8AA | 14038 | 2243 3 | MI | 7Q7KG | 28010 | 1436 15 | FL | 7Q7KG | 28010 | 1436 15 | FL | |
| UZ9CWA | ST2/ | 14013 | 0012 7 | FL | 8R1J | 28012 | 2249 1 | MO | 8R1J | 28012 | 2249 1 | MO | |
| UZ9CZM | G4WYG | 14003 | 1220 4 | NB | FP5DX | 18121 | 2134 9 | MA | FP5DX | 28016 | 1215 9 | FL | |
| VQ9RB | ST4/WZ4C | 14014 | 2352 10 | OH | 15 Meter CW | | | | | | | | |
| ZD9BV | TR8BY | 14008 | 1945 7 | NH | 3B8CK | 21010 | 1247 15 | FL | 3B8CK | 28026 | 2209 10 | FL | |
| 80 Meters | TT8AK | 14027 | 0335 10 | UT | 3B8FK | 21021 | 1638 9 | BC | 3B8FK | 28025 | 1723 15 | FL | |
| CX4SS | TU2OP | 14014 | 0120 4 | WA | 3B9FR | 21024 | 1708 8 | IN | 3B9FR | 28016 | 1855 8 | CT | |
| 75 Meters | UL7QF | 14006 | 0135 9 | FL | 3C1EA | 21038 | 2320 11 | OH | 3C1EA | 28025 | 1440 31 | EU | |
| 6Y5IC | UL7RER | 14026 | 0147 8 | VA | 4K4QQ | 21023 | 0134 10 | GA | 4K4QQ | 28010 | 1220 1 | NH | |
| FR5DX | UM8QDX | 14017 | 0106 6 | NH | 4S7CF | 21011 | 0202 4 | MI | 4S7CF | 28009 | 1927 4 | CO | |
| T77T | UM8QDX | 14020 | 1340 9 | CA | 5HØQL | 21013 | 1915 3 | WA | 5HØQL | 28042 | 1849 3 | CO | |
| ZD8Z | VP2EXX | 14005 | 2149 10 | FL | 7X2CR | 21025 | 1803 8 | MN | 7X2CR | 28024 | 1025 29 | EU | |
| ZL4IG | VQ9AT | 14025 | 0315 10 | UT | A41JV | 21016 | 1320 27 | NH | A41JV | 28011 | 2203 4 | NY | |
| 40 Meters | VU2TEC | 14013 | 0131 9 | FL | A41JV | 21030 | 2116 12 | FL | A41JV | 28003 | 2119 3 | MT | |
| 4KØADS | VU2TTC * | 14028 | 1232 6 | CO | BY4RA * | 21026 | 0026 1 | NB | BY4RA * | 28027 | 1411 5 | NH | |
| 9L2/ | YI1BGD | 14038 | 0112 7 | NH | BY4RB | 21024 | 0125 5 | GA | BY4RB | 28026 | 1507 6 | NH | |
| GØGWA | YK1AO | 14030 | 0334 10 | SC | EKØAC | 21012 | 0015 5 | CT | EKØAC | 28013 | 1100 8 | NB | |
| UAØXAO | YN/ | 14004 | 1225 7 | MA | FH5EJ | 21019 | 1727 15 | FL | FH5EJ | 28022 | 2049 3 | MT | |
| V51E | SMØOIG | 14007 | 2259 7 | NB | FO5JR | 21009 | 0115 10 | IN | FO5JR | 28015 | 0815 2 | EU | |
| ZM7AMO | Z21CA * | 14026 | 1405 9 | CA | HL3ØAP | 21011 | 0047 9 | FL | HL3ØAP | 28003 | 2337 8 | CA | |
| ZLØAIC | ZLØAIC | 14025 | 0735 9 | UT | HSØAC | 21025 | 0047 9 | GA | HSØAC | 28025 | 1416 9 | AL | |
| 30 Meters | ZM7AMO | 14026 | 0603 14 | FL | J28NU/P | 21006 | 1929 8 | WA | J28NU/P | 28009 | 1415 29 | EU | |
| 3B8CF | ZM7AMO | 14026 | 1240 10 | IA | JT1KAA | 21006 | 0113 4 | CO | JT1KAA | 28022 | 1019 31 | EU | |
| 9L2/ | 20 Meter SSB | 14010 | 0318 27 | SC | JY5DL | 21025 | 1848 5 | UT | JY5DL | 28008 | 2150 4 | SC | |
| GØGWA | 4KØADS | 14193 | 2007 7 | CT | OY2J | 21008 | 1824 7 | CA | OY2J | 28007 | 2219 4 | NY | |
| EA8BVS | 4S7AVR | 14195 | 1235 4 | CO | RVØYF | 21004 | 0019 4 | SC | RVØYF | 28025 | 2331 10 | IN | |
| KG4DD | 5HØQL | 14211 | 0333 1 | IL | ST2/ | 21006 | 1339 7 | MD | ST2/ | 10 Meter SSB | | | |
| PZ1DV | 7Q7JA * | 14202 | 1515 7 | CA | PAØGAM | 21005 | 1913 5 | CO | PAØGAM | 3B8FU | 1159 9 | FL | |
| UD6PC | 7X2FK | 14187 | 0520 4 | CA | ST4/WZ6C | 21005 | 0059 9 | FL | ST4/WZ6C | 3B9FR | 1516 2 | MA | |
| UI8AFI | 9M2CW | 14184 | 1436 8 | WA | TR8BY | 21022 | 0703 5 | FL | TR8BY | 5HØQL | 1449 7 | MA | |
| UL7GM | 9Q5TE | 14189 | 0535 5 | PA | VQ9AN * | 21030 | 0822 29 | EU | VQ9AN * | 5Z4BI | 1930 9 | MI | |
| VK6HD * | A61AD | 14210 | 0336 5 | NY | ZD8LII | 21010 | 2025 8 | CA | ZD8LII | 7Q7LA | 1203 9 | FL | |
| Y29AG | A61AD | 14195 | 1341 2 | IL | 15 Meter SSB | | | | 15 Meter SSB | 9J2AL | 1945 10 | IA | |
| YO3CD | A61AD | 14223 | 0315 1 | MD | 5C1EA | 21270 | 1742 10 | CT | 5C1EA | 9X5SW | 1257 9 | VA | |
| 20 Meter CW | C21JM | 14180 | 1136 5 | NY | 5Z4FO | 21236 | 1856 3 | MA | 5Z4FO | A61AD | 1332 3 | MD | |
| 3B8CF * | FH8CB | 14256 | 0358 6 | MT | 7Z1AB | 21230 | 2107 10 | OH | 7Z1AB | CN2AQ | 1739 4 | NY | |
| 3B9FR * | FH8CB | 14205 | 1412 7 | CA | 9N1NFO | 21252 | 1244 10 | MD | 9N1NFO | D44BS | 1348 9 | MA | |
| 3D2JH | FR5DX | 14187 | 0329 5 | NY | 9X5SW | 21279 | 1530 7 | IA | 9X5SW | EA9RB | 1727 3 | VA | |
| 4KØADS | FR5DX | 14182 | 1238 1 | IL | A61AD | 21315 | 1355 31 | EU | A61AD | FR5DX | 1432 31 | EU | |
| 4S7CF | FR5ZU/J* | 14280 | 1415 9 | CA | OD5YU | 21216 | 2000 7 | MD | OD5YU | FR5DX | 2000 9 | CA | |
| 4S7CF * | OX3JF | 14170 | 0103 6 | MT | RH3E/ | 21225 | 1447 10 | CT | RH3E/ | FT4XG | 1316 10 | MD | |
| 4S7EA | VP8CEG | 14160 | 0040 5 | MT | UW4HX | 21266 | 1310 31 | EU | UW4HX | FT4XG | 0858 29 | EU | |
| 4S7PR | VQ9TB | 14226 | 1419 11 | CA | T5RR | 21267 | 2225 5 | MT | T5RR | FT5XA | 1355 9 | IN | |
| 5HØQL | VU2CK | 14160 | 0115 6 | MT | TL8UB | 21293 | 2352 3 | MA | TL8UB | FT5XA | 1202 5 | NY | |
| 5HØQL * | ZB2BU | 14153 | 0951 4 | NY | XT2BW | 21232 | 0150 2 | CA | XT2BW | HH2LB | 2110 3 | CA | |
| 7Q7LA * | ZB2GR | 14261 | 0553 4 | CA | YT9ØA | 21315 | 2042 8 | AZ | YT9ØA | OD5SK | 1330 1 | NY | |
| 7Q7RM * | ZS9S * | 14184 | 1512 7 | CA | ZC4BS | 21330 | 1851 6 | MD | ZC4BS | T32BB | 2238 9 | MI | |
| 9L2/ | 14015 | 2236 8 | CT | ZD7SM | 21220 | 2045 6 | NY | ZD7SM | TA2PC | 1440 8 | MD | | |
| GØGWA | 3B8CF | 18078 | 0320 28 | SC | TR8BY | 21262 | 1851 7 | MD | TR8BY | TR8GL | 1536 8 | MD | |
| 9M2ZA | 3B8FE | 18077 | 1149 2 | AL | ZS8MI | 21260 | 1810 7 | IA | ZS8MI | TR8GL | 1250 8 | IA | |
| 9V1JY | 4S7WP | 18071 | 1145 2 | AL | TU2QW | 21269 | 1157 9 | FL | TU2QW | TU2QW | 1157 9 | FL | |
| A22AA | 4S7WP | 18077 | 1935 7 | CA | TZ6VV | 28427 | 1648 9 | VA | TZ6VV | TZ6VV | 2145 9 | CA | |
| A22AA * | 5U7FF | 18072 | 2140 27 | SC | TZ6VW | 28419 | 2145 9 | CA | TZ6VW | TZ6VW | 2145 9 | CA | |
| A41JV | 9L1US | 18078 | 1844 9 | SC | V51GB | 28600 | 2310 9 | IA | V51GB | V51GB | 2100 9 | MN | |
| AH3C | CEØZIG | 18090 | 0030 28 | SC | 9L1US | 24905 | 1540 8 | SC | 9L1US | ZC4BS | 1209 9 | FL | |
| AH3C | EA8BVS | 18070 | 2310 16 | SC | 9L2/ | 24893 | 1444 8 | MD | 9L2/ | ZD7SM | 2102 1 | MD | |
| BV2TA | JT1CO | 18081 | 2131 8 | MD | GØGWA | 24950 | 1616 9 | MD | GØGWA | ZD8BOB | 1336 9 | MA | |
| BY4RB * | JY9SR | 18075 | 0136 7 | SC | D44BC | 24892 | 1946 9 | SC | D44BC | ZD9CO | 1404 1 | MO | |
| C3ØCAG | OY1R | 18090 | 1848 27 | SC | ES1QD | 24905 | 1540 8 | SC | ES1QD | ZM7AMO | 0110 11 | VA | |
| HC8LT | RVØYF | 18080 | 0149 7 | SC | HR1LW | 24910 | 2258 9 | AL | HR1LW | ZS9A | 1453 9 | WI | |
| HSØAC | Zone 23 | | | | HZ1HZ | 24903 | 1215 9 | CT | HZ1HZ | ZS9H | 28484 | 1940 10 | IA |

above address.
POSTMASTER: Send address changes to
Class postage paid at Santa Rosa, CA.
Class Mail, US\$50 Foreign Airmail, \$38 First
Class Mail, \$29 Second Class Mail, \$38 First
Class postage paid at Santa Rosa, CA.
Compu-Getve 75755-737. One-year subscription
per year at P.O. Box 50, Fulton CA 95439.
Copyright The DX Bulletin. The DX Bulletin
(ISSN 0279-8077) is published fifty times
per year at P.O. Box 50, Fulton CA 95439.
Telephone 707-523-1001.

P.O. Box 50
Fulton, CA 95439
U.S.A.



FIRST CLASS MAIL

First Class Postage Paid
U.S. Permit No. 550
Santa Rosa, CA
Permit No. 550

(Changes and hot info in **boldface**.)

Algeria - 7X

Anguilla - VP2E

Armenia - UG

Ascension - ZD8

Asiatic RSFSR

Bahamas - C6

Belau - KC6

Bermuda - VP9

Botswana - A2

Burkino Faso - XT

Canary Islands - EA8

Chatham Island-ZL7

China - BY

Comoros - D6

Djibouti - J2

Dodecanese - SV5

Equatorial Guinea

Estonia - ES

Europa - FR/E

Gabon - TR

Gough Island - ZD9

Guyana - 8R

Hong Kong - VS6

India - VU

Ivory Coast - TU

Johnston Island - KH3 AH3C 28487/01Z 14026/03,14Z

Kenya - 5Z

Kerguelen - FT-X

Liechtenstein - HB0

Malawi - 7Q

Malaysia - 9M

Mali - TZ

Malpelo - HK0

Malta - 9H

Marshall Islands - VT

7X2FK 14200± 0520Z
7X2CR 21025 1800Z
VP2EBN Oct. 1-8
UG6GAW 14009 02-0300Z
ZD8LII 15M CW 2030Z
ZD8Z 24896/18Z 21034/20Z
ZS8S on CW to Sept. 30
4K4QQ 20M CW 1800Z
EK0AC 14012 kHz 1000Z
WA2ICE/C6A Oct. 6-13
by VE3s Oct. 9-16
K1EFI/VP9 Sept. 21-Oct. 2
A22AA 14200±/15Z 21235±/16Z
XT2BW 21245± 0100Z
EA8FO 18071 2350Z
ZL7AMO to Sept. 23
BY4RB 21024/0130Z, 14027/12Z
D68WD 14154 0345Z
J28NU 28010 1930Z
J28RQ now active
SV0HM Sept. 14-26 CW only
3C1EA 21037 2230Z
ES1QD 24903 1600Z
FR5ZU/E Sept. 23-30?
TR8BY 28020 11-1630Z
ZD9BV 28466 17Z,75M 0630Z
ZD9CN 28530/21300 12-1730Z
8R1RBF 28510 1800Z
VS6/K9EL 20M CW 1130Z
VU2TH 14020± 0030Z
VU2GI 21270 0200Z
TU2QW 28460 1200Z
5Z4BI 28490 1930Z
FT5XA 10M SSB 1400Z
HB0/HB9NL to Oct. 20
HB0/PA3s EZX, FQA Sept. 27-30
7Q7XB Sept. 14-22
7Q7KG by Colvins now
7Q7RM 14015 1300Z
9M2AX 14030 1100Z
TZ6VV 28430 2130Z
HK0TU Nov. 3-7
9H1XX Sept. 23-Oct. 21
V73AZ 14026 1100Z

Calendar

Issue 556 - September 21, 1990

| | |
|-------------------------------|-------|
| by VE3s Oct. 31-Nov. 4 | 1556 |
| 3B8CF 18077/0330Z 14034/1200Z | 1555 |
| 3B8CF 24895 14-1700Z | 1556 |
| FH5EJ 28021 14-1900Z | 1556 |
| by VE3s Oct. 16-21, 24-31 | 1556 |
| 7J1ADJ/JD1 now | 1556 |
| FK8GJ 14020± 1100Z | 1554 |
| YN1CC 18078 2200Z | 1554 |
| SM0OIG/YN 14006 2330Z | 1554 |
| FK8GJ 14020 1230Z | 1553 |
| YN1CC 18078 2200Z | 1554 |
| JH1QDB/JD1 Sept. 22-30 | 1551 |
| A41JV 15M CW 2100Z | 1556 |
| FR5DX 14185±/03, 12Z, 28500± | 1430Z |
| FR5DD 20M CW 0300Z | 1555 |
| 3B9FR 14027/13Z 21010/17-19Z | 1556 |
| YO3CD 10103/23Z 24900/16Z | 1555 |
| 9X5HG 21060/21Z 21210±/0015Z | |
| 9L-/G0GWA 10101 22-0100Z | 1556 |
| 9V1JY 14015± 1100Z | 1555 |
| VP8CDJ now | 1554 |
| Nov. 20-Dec. 13 VP8SSI | 1545 |
| ZC4HMS in October | 1556 |
| 4S7CF 14004 0045Z, 1400Z | 1556 |
| 4S7WP 18070 1145Z, 1900Z | 1556 |
| 4S7EA 14009 0015Z | 1556 |
| WZ6C/ST4 10M CW 1830-2200Z | 1555 |
| WZ6C/ST4 21007± 0100Z | 1556 |
| YU3PR/4U, YU4OO/4U now | 1554 |
| BV2TA 20M CW 10-1200Z | 1555 |
| BV2VB 14173 1100Z | 1555 |
| HS0AIT/HS0AC Oct. 4-20 | 1553 |
| HS0AC 14025 1030Z | 1555 |
| A61AD 14200±/14Z, 15M SSB | 16Z |
| WA4CSK/KH9 Sept. 18-27 | 1554 |
| ZS9A 28610 1500Z Sunday | 1556 |
| 9J2BO 20M CW 1200Z | 1555 |

DX Gatherings and Contests

| | |
|------------------------------|------|
| CQWW RTTY Contest | CQ |
| RSGB HF Convention, Daventry | 1548 |
| California QSO Party | CQ |
| VK-ZL-Oceania SSB Test | 1557 |
| VK-ZL-Oceania CW Test | 1557 |
| CQWW SSB Contest | CQ |